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A.D. 1853 . . . . . N° 2625.

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SPECIFICATION

OF

JOHN GEDGE.

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APPARATUS FOR PREVENTING ESCAPE  
OF SMOKE FROM FLUES, &c.

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LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,  
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1854.





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Apparatus for Preventing Escape of Smoke from  
Flues, &c.

*(This Invention received Provisional Protection, but notice to proceed with the application for Letters Patent was not given within the time prescribed by the Act.)*

**PROVISIONAL SPECIFICATION** left by John Gedge at the Office of the Commissioners of Patents, with his Petition, on the 12th November 1853.—A communication.

I, JOHN GEDGE, of 4, Wellington Street, Strand, in the County of  
5 Middlesex, Patent Agent, do hereby declare the nature of the said  
Invention for “IMPROVEMENTS IN THE MEANS OF CONSUMING OR OTHERWISE  
PREVENTING THE ESCAPE OF SMOKE FROM FLUES OR OTHER SMOKE VENT”  
to be as follows:—

I propose to place sieves or lattices of wire made, in preference,  
10 from a metallic compound, forming the subject of a petition for Letters  
Patent this day recorded by me, in certain positions in the interior of  
the chimney or flue; the wire being capable of sustaining great heat,  
and not easily corroded, will catch the smoke in its upward progress,  
sift or tease it, rejecting it from each of the sieves or lattices in turn,



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*Gedge's Apparatus for Preventing Escape of Smoke from Flues, &c.*

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till it being denuded of all its thicker parts, the smoke will reach the upper sieve merely as hot air, the remainder being returned for re-combustion.

The latices or sieves may be made in a framing, according to the 5  
shape or size of the chimney, and so fitted in, or ledges may be left in  
flue building for their reception.

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Printers to the Queen's most Excellent Majesty. 1854.